

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022420\
 Data File : BF119062.D
 Acq On : 25 Feb 2020 12:07
 Operator : CG/JU
 Sample : L1659-02
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WH-1-1.5-1.5

Quant Time: Feb 25 12:48:01 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 20 17:40:17 2020
 Response via : Initial Calibration

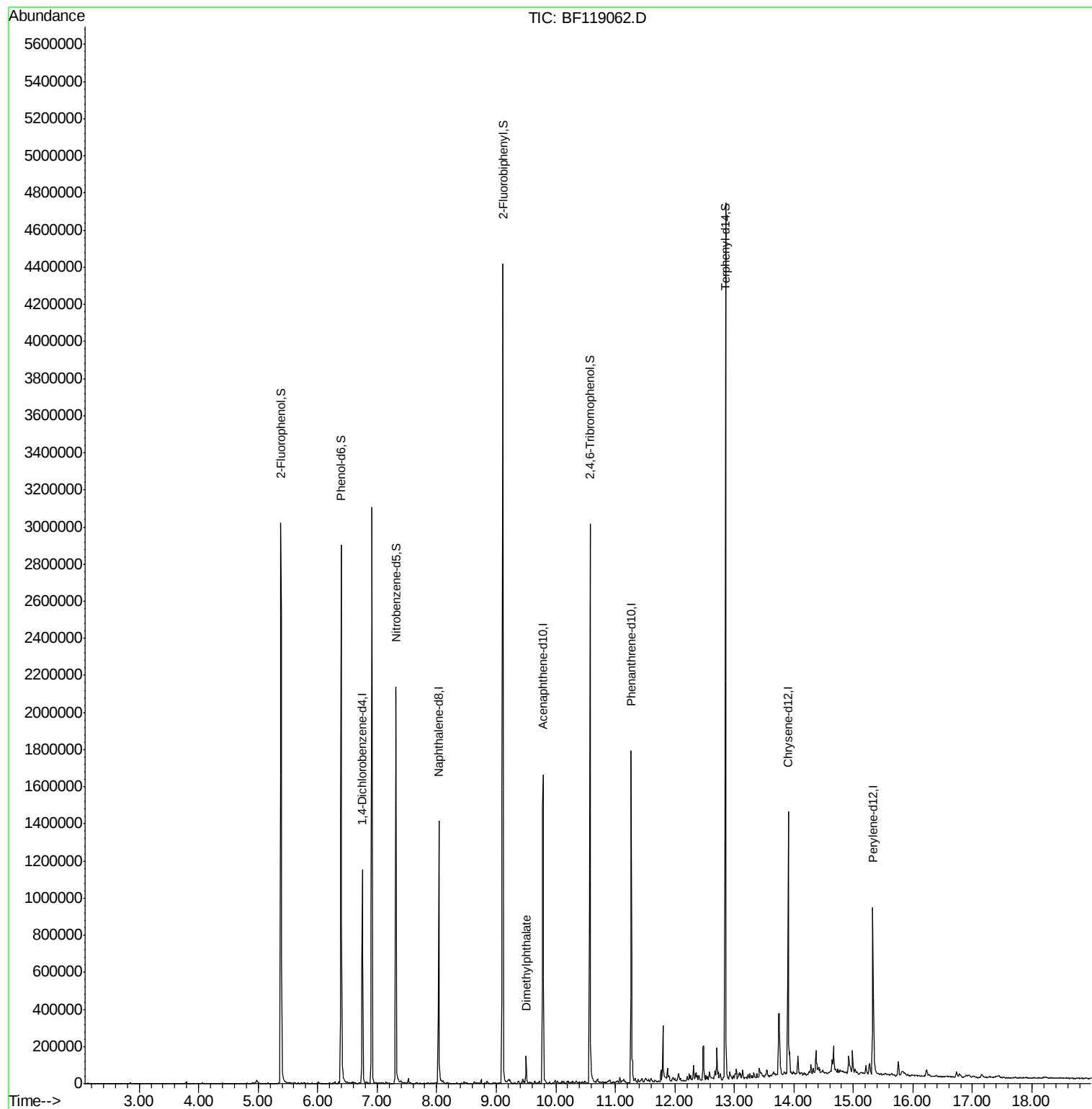
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	174102	20.00	ng	-0.01
21) Naphthalene-d8	8.03	136	668286	20.00	ng	-0.01
39) Acenaphthene-d10	9.79	164	370591	20.00	ng	0.00
64) Phenanthrene-d10	11.27	188	682866	20.00	ng	0.00
76) Chrysene-d12	13.90	240	461504	20.00	ng	0.00
87) Perylene-d12	15.33	264	409908	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	943827	90.60	ng	0.00
7) Phenol-d6	6.40	99	1132233	89.36	ng	0.00
23) Nitrobenzene-d5	7.32	82	769685	60.81	ng	-0.01
42) 2,4,6-Tribromophenol	10.57	330	402737	83.07	ng	0.00
45) 2-Fluorobiphenyl	9.11	172	1467967	58.35	ng	-0.01
79) Terphenyl-d14	12.85	244	1651331	61.60	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.50	163	69312	2.446	ng	Qvalue 99

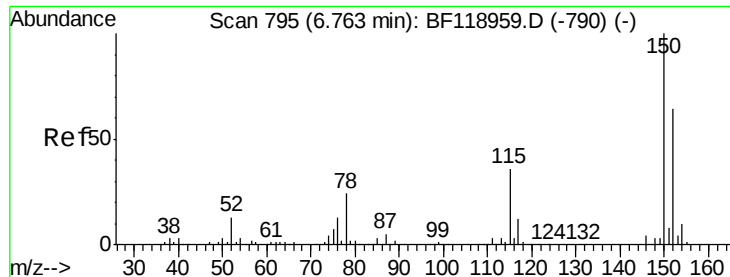
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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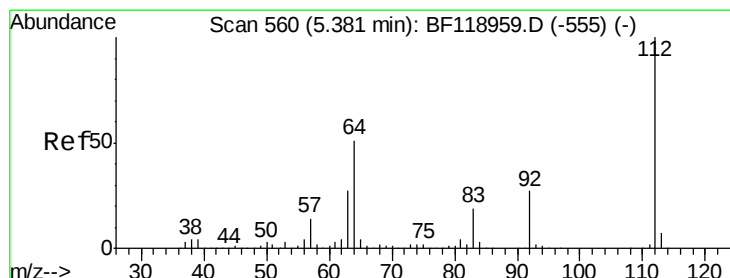
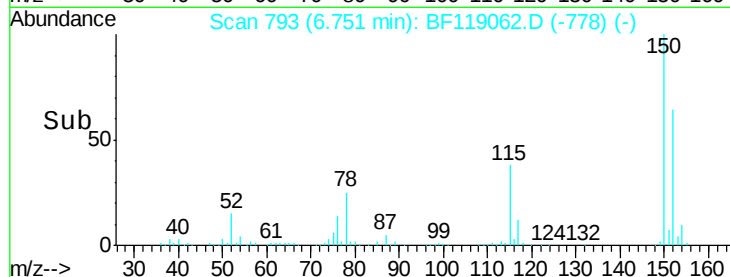
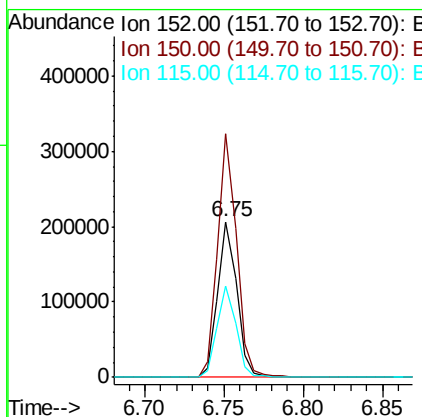
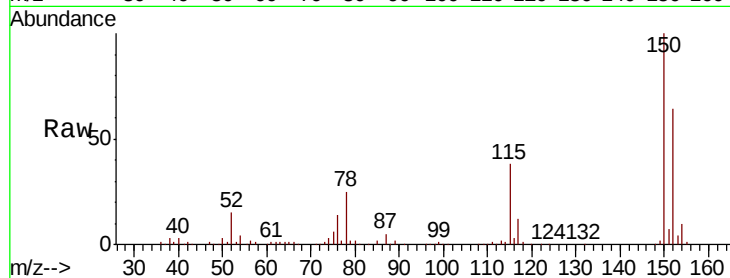


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF119062.D
Acq: 25 Feb 2020 12:07

Instrument :
BNA_F
ClientSampleId :
WH-1-1.5-1.5

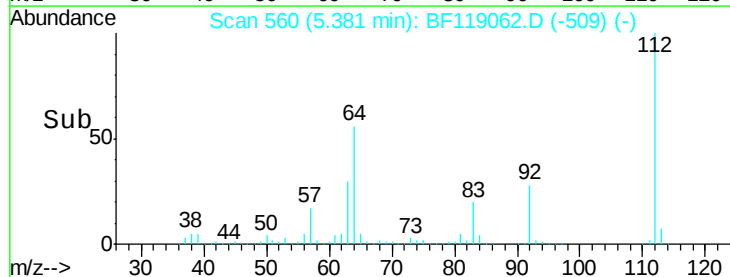
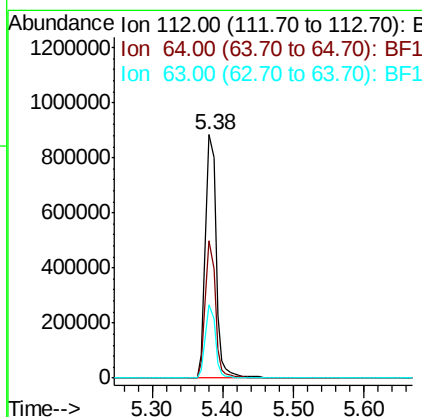
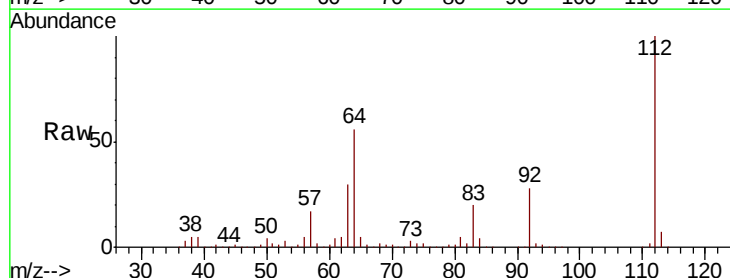
Tot Ion:152 Resp: 174102
Ion Ratio Lower Upper
152 100
150 156.5 124.3 186.5
115 59.1 44.6 67.0



#5

2-Fluorophenol
Concen: 90.596 ng
RT: 5.38 min Scan# 560
Delta R.T. -0.00 min
Lab File: BF119062.D
Acq: 25 Feb 2020 12:07

Tgt Ion:112 Resp: 943827
Ion Ratio Lower Upper
112 100
64 56.4 40.4 60.6
63 30.0 21.3 31.9





#7

Phenol-d6

Concen: 89.362 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF119062.D

Acq: 25 Feb 2020 12:07

Instrument :

BNA_F

ClientSampleId :

WH-1-1.5-1.5

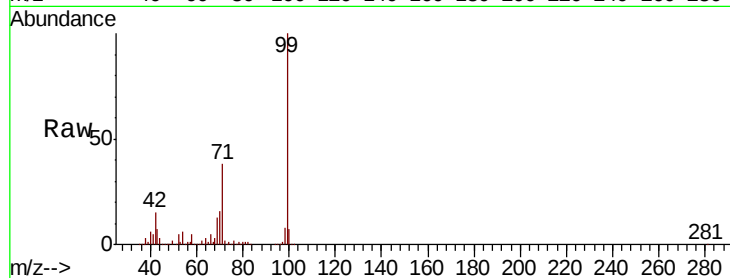
Tot Ion: 99 Resp: 1132233

Ion Ratio Lower Upper

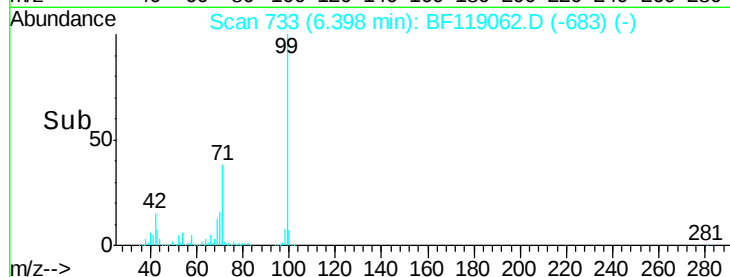
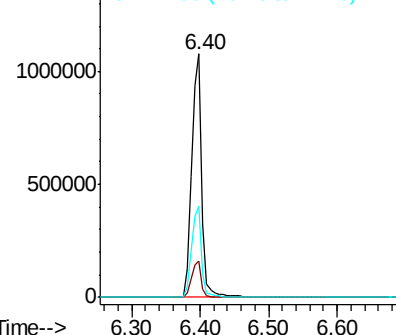
99 100

42 14.8 11.4 17.0

71 37.7 29.8 44.6



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.03 min Scan# 1011

Delta R.T. -0.01 min

Lab File: BF119062.D

Acq: 25 Feb 2020 12:07

Tgt Ion: 136 Resp: 668286

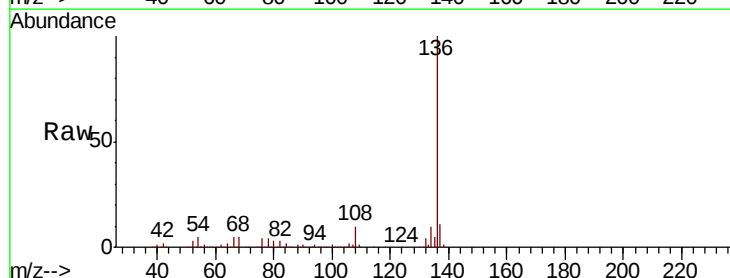
Ion Ratio Lower Upper

136 100

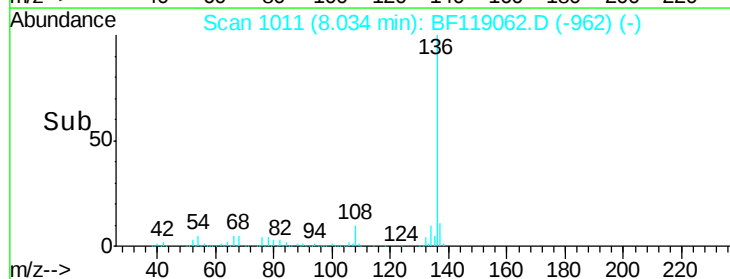
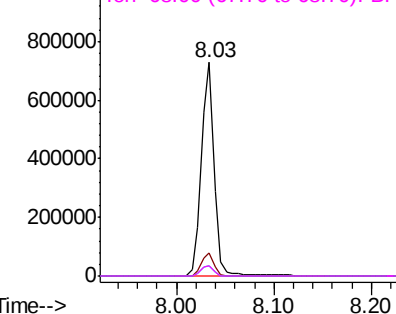
137 11.0 8.9 13.3

54 4.9 3.8 5.6

68 4.9 4.2 6.2



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

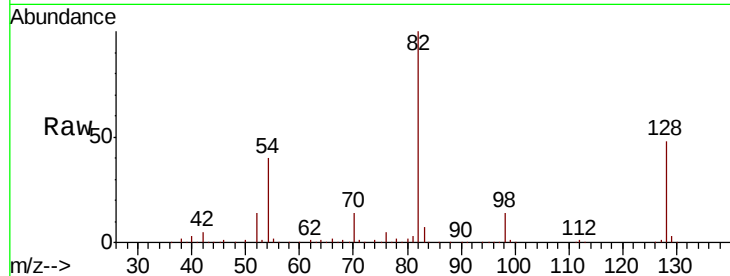




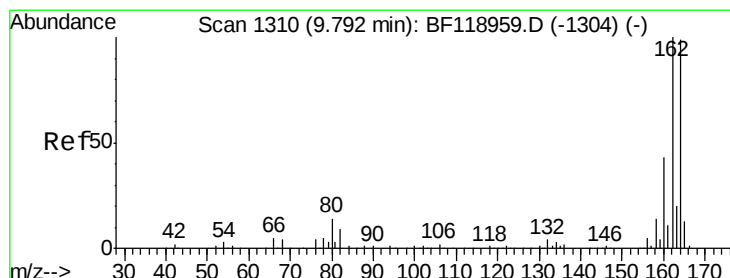
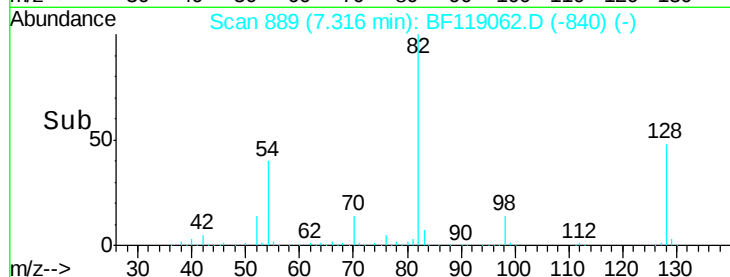
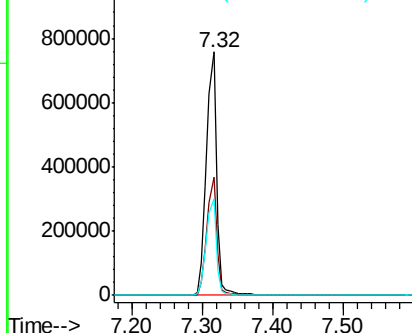
#23
 Nitrobenzene-d5
 Concen: 60.811 ng
 RT: 7.32 min Scan# 889
 Delta R.T. -0.01 min
 Lab File: BF119062.D
 Acq: 25 Feb 2020 12:07

Instrument :
 BNA_F
 ClientSampleId :
 WH-1-1.5-1.5

Tot Ion	82	Resp	769685
Ion Ratio	100		
Lower	38.2		
Upper	57.2		
82	100		
128	48.3		
54	39.5		

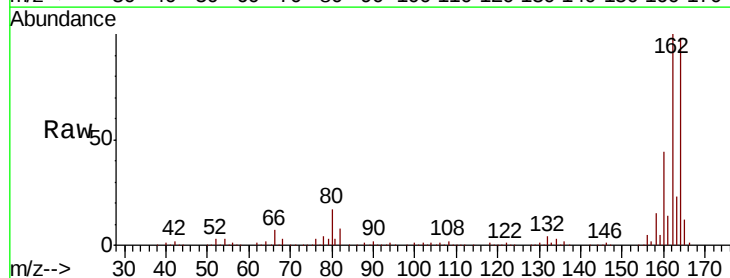


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

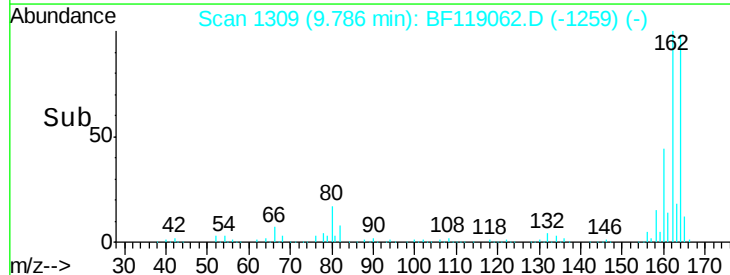
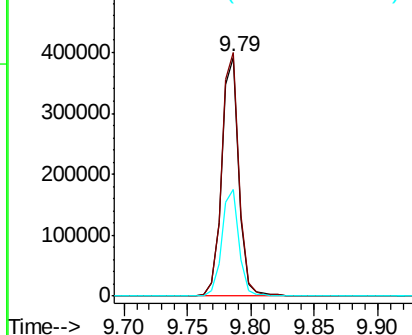


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.79 min Scan# 1309
 Delta R.T. -0.01 min
 Lab File: BF119062.D
 Acq: 25 Feb 2020 12:07

Tgt Ion	164	Resp	370591
Ion Ratio	100		
Lower	81.2		
Upper	121.8		
164	100		
162	102.0		
160	44.9		



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 83.074 ng

RT: 10.57 min Scan# 1443

Delta R.T. -0.01 min

Lab File: BF119062.D

Acq: 25 Feb 2020 12:07

Instrument :

BNA_F

ClientSampleId :

WH-1-1.5-1.5

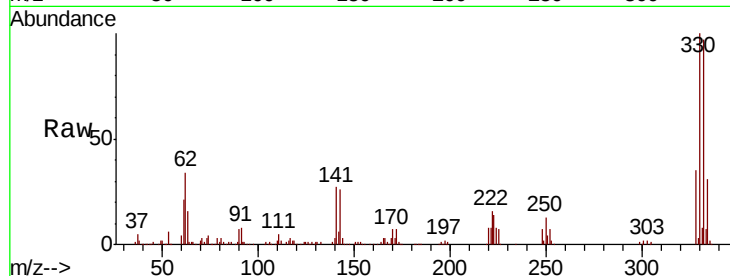
Tot Ion:330 Resp: 402737

Ion Ratio Lower Upper

330 100

332 98.1 77.1 115.7

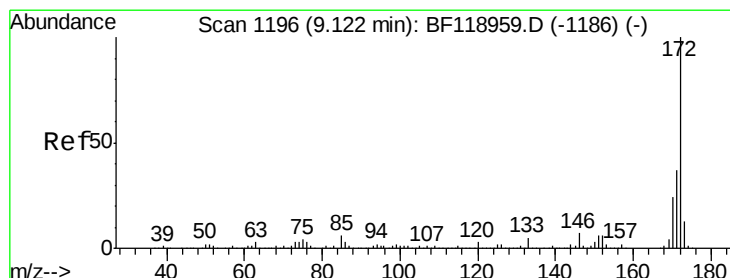
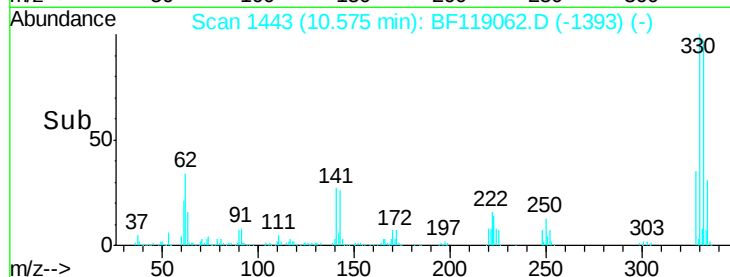
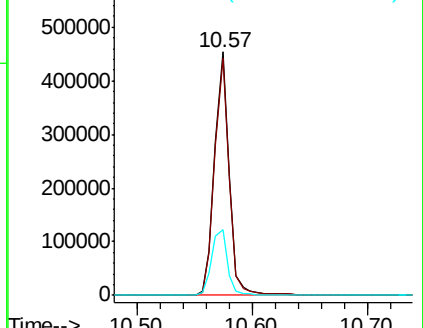
141 29.5 23.0 34.6



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45

2-Fluorobiphenyl

Concen: 58.355 ng

RT: 9.11 min Scan# 1194

Delta R.T. -0.01 min

Lab File: BF119062.D

Acq: 25 Feb 2020 12:07

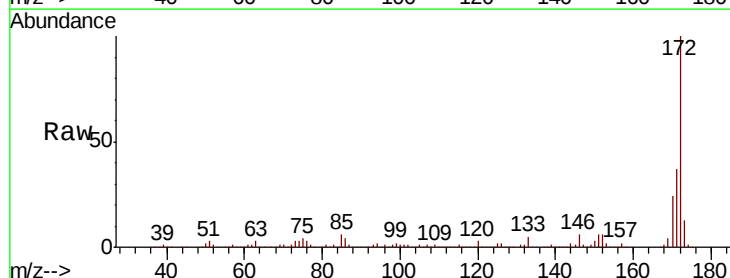
Tgt Ion:172 Resp: 1467967

Ion Ratio Lower Upper

172 100

171 36.7 29.4 44.2

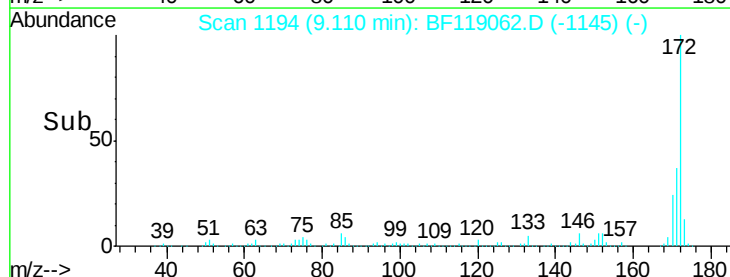
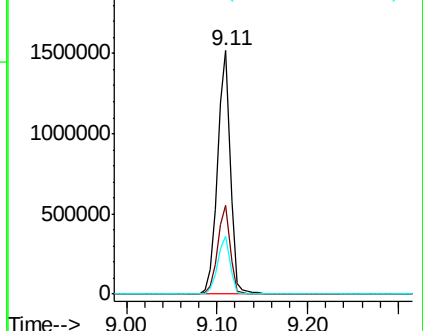
170 24.1 19.6 29.4

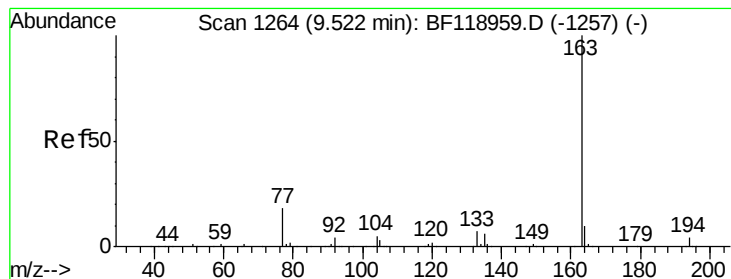


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 2.446 ng

RT: 9.50 min Scan# 1261

Delta R.T. -0.02 min

Lab File: BF119062.D

Acq: 25 Feb 2020 12:07

Instrument :

BNA_F

ClientSampleId :

WH-1-1.5-1.5

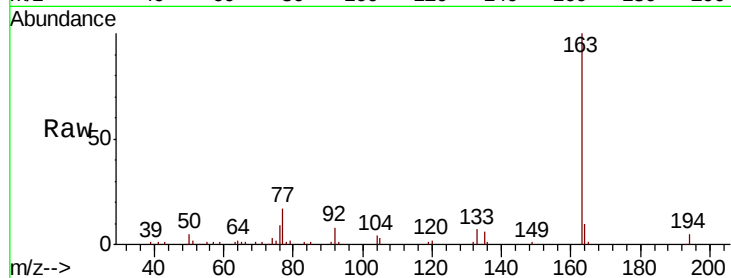
Tot Ion:163 Resp: 69312

Ion Ratio Lower Upper

163 100

194 4.7 3.4 5.2

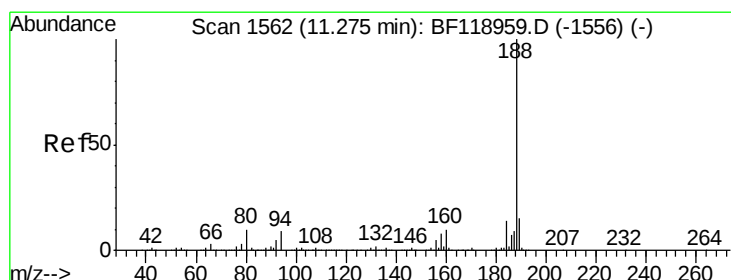
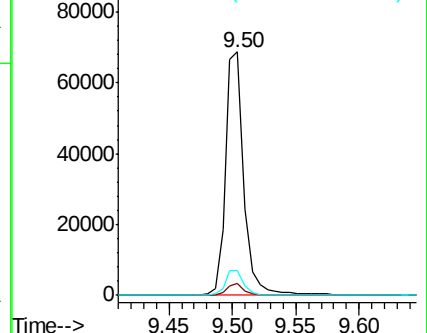
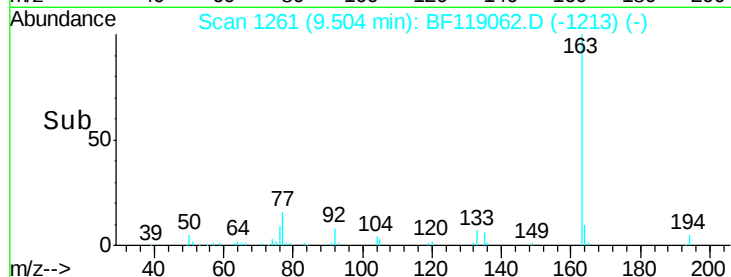
164 10.4 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.27 min Scan# 1561

Delta R.T. -0.01 min

Lab File: BF119062.D

Acq: 25 Feb 2020 12:07

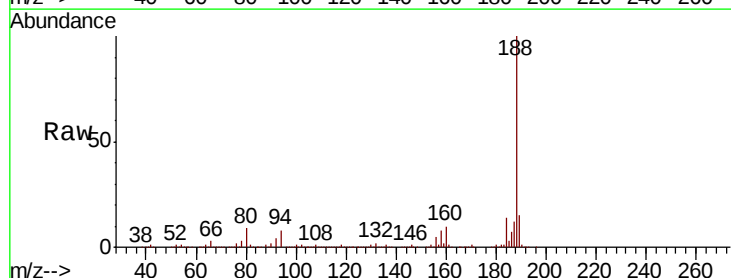
Tgt Ion:188 Resp: 682866

Ion Ratio Lower Upper

188 100

94 8.1 7.0 10.6

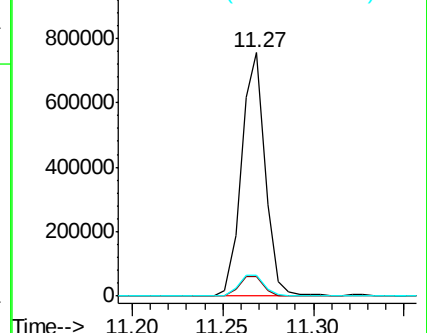
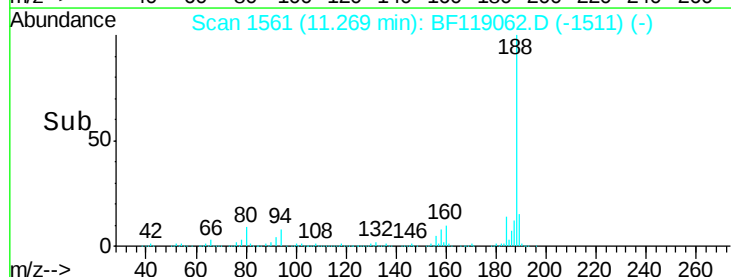
80 8.5 7.9 11.9



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

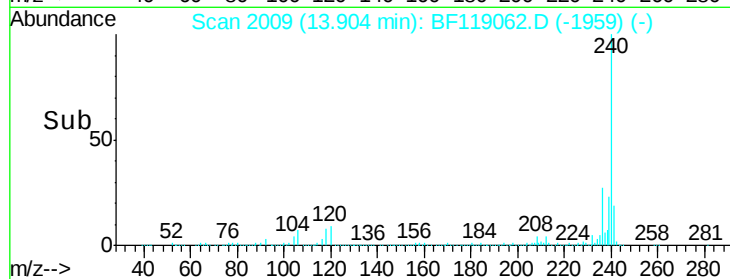
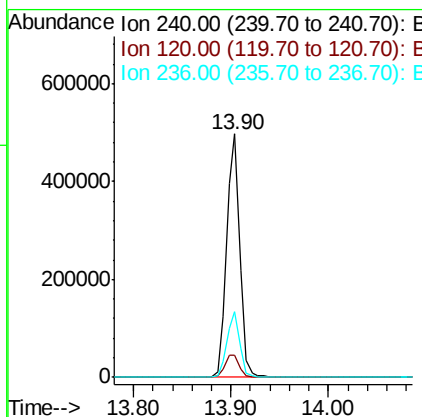
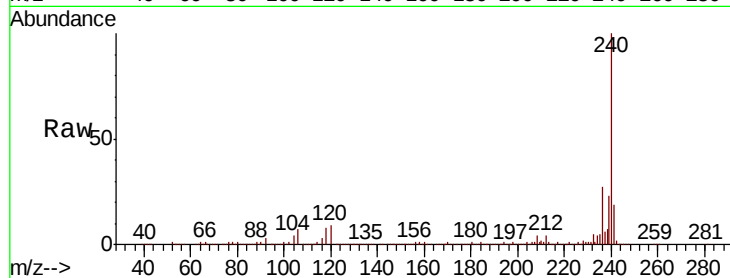




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.90 min Scan# 2009
 Delta R.T. -0.01 min
 Lab File: BF119062.D
 Acq: 25 Feb 2020 12:07

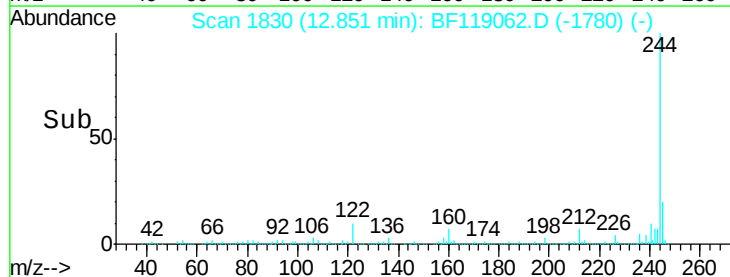
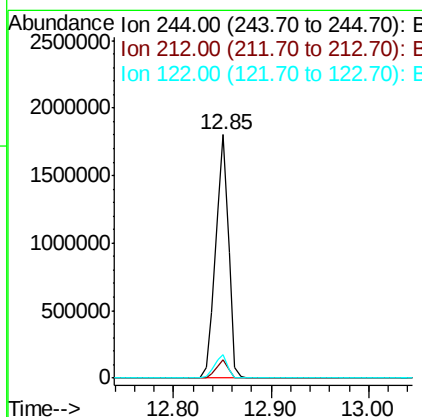
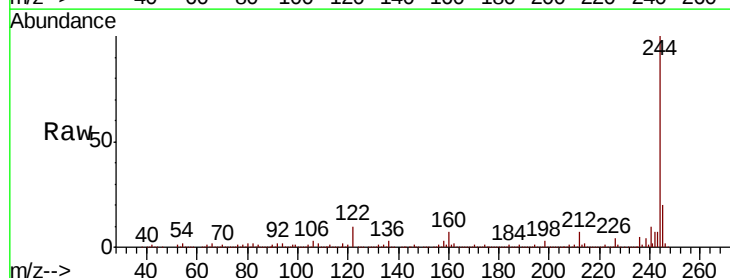
Instrument :
 BNA_F
 ClientSampleId :
 WH-1-1.5-1.5

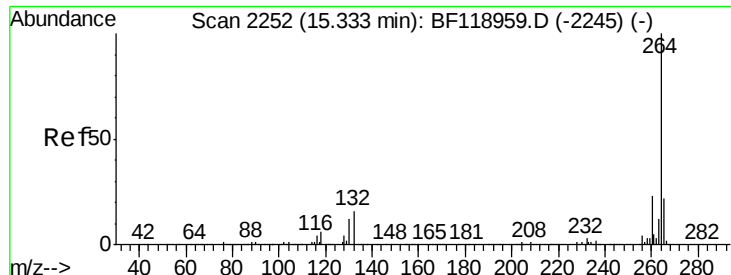
Tot Ion	Ratio	Lower	Upper
240	100		
120	9.3	8.9	13.3
236	26.7	20.6	30.8



#79
 Terphenyl-d14
 Concen: 61.604 ng
 RT: 12.85 min Scan# 1830
 Delta R.T. -0.01 min
 Lab File: BF119062.D
 Acq: 25 Feb 2020 12:07

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.3	9.5
122	9.7	8.4	12.6





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.33 min Scan# 2251
 Delta R.T. -0.01 min
 Lab File: BF119062.D
 Acq: 25 Feb 2020 12:07

Instrument :
 BNA_F
 ClientSampleId :
 WH-1-1.5-1.5

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.6	28.0
265	21.9	17.3	25.9

